Resource Master Determination Exit

This section covers the following topics:

- Common Considerations
- Exit Parameter List

Common Considerations

A resource amount determination exit can be defined for each master resource (for details, see Master Resource Definition.). This also covers the so-called **physical resources**.

When the exit is invoked, the **currently available amount** of the resource is returned. The return of the initial amount is optional.

Initial amounts will not be used for normal prerequisite resource checks.

One exit can be used for several (e.g., similar) master resources, because the name of the resource is passed as an input parameter to the exit.

The user may check whatever he needs to determine the resource amount. He may invoke Entire System Server views and / or check any database contents.

Note:
The user is responsible for the **performance** of the coded exit.

After the exit is invoked, the new available quantity will be stored in the resource master record. Triggering of passive waiters will only be done if the new quantity is different from the old one.

Resource Master Determination Exits can be enabled and disabled. If use of the exit is disabled for a resource, it behaves like a resource without exit.

Exit Parameter List

See the section Parameters Used for Different Call Places for the common parameter list for user routines.

The exit parameter list will contain:

- Return code (out)
- OK, determination successful
- Resource cannot be determined (permanent)
- Resource cannot be determined (temporary)
- Parameter(s) missing
- Return text (out)
- Resource name (in)
- Timestamp for which the evaluation is to be made (in). (Usually *TIMX will be passed.)
- Current maximum amount as known to NOP (in)
- Currently used amount (in)
- New maximum amount (out)
- New used amount (out).